

FIG. 1A

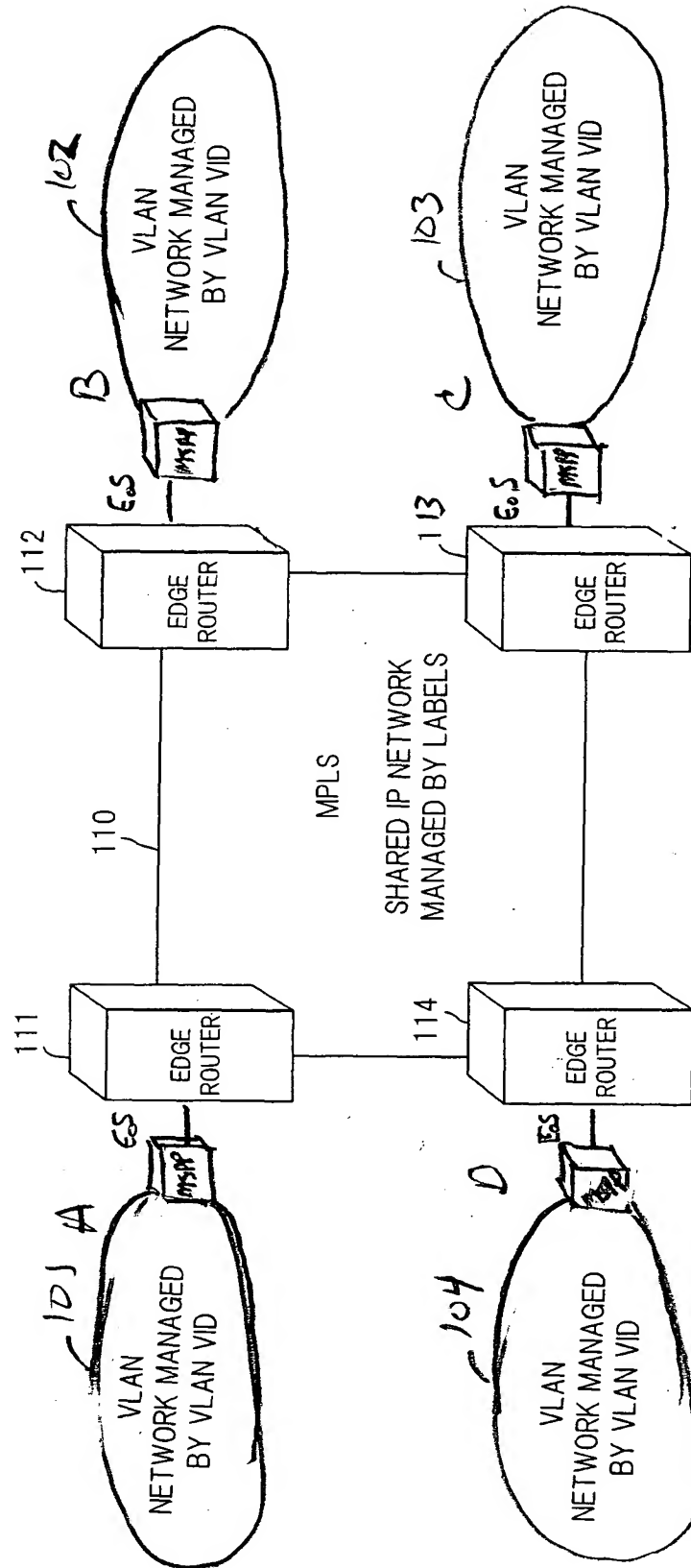


FIG 1B

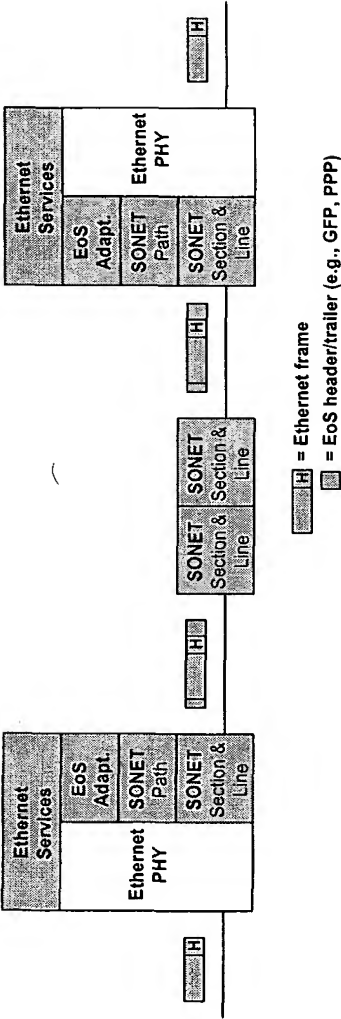


FIG. 2

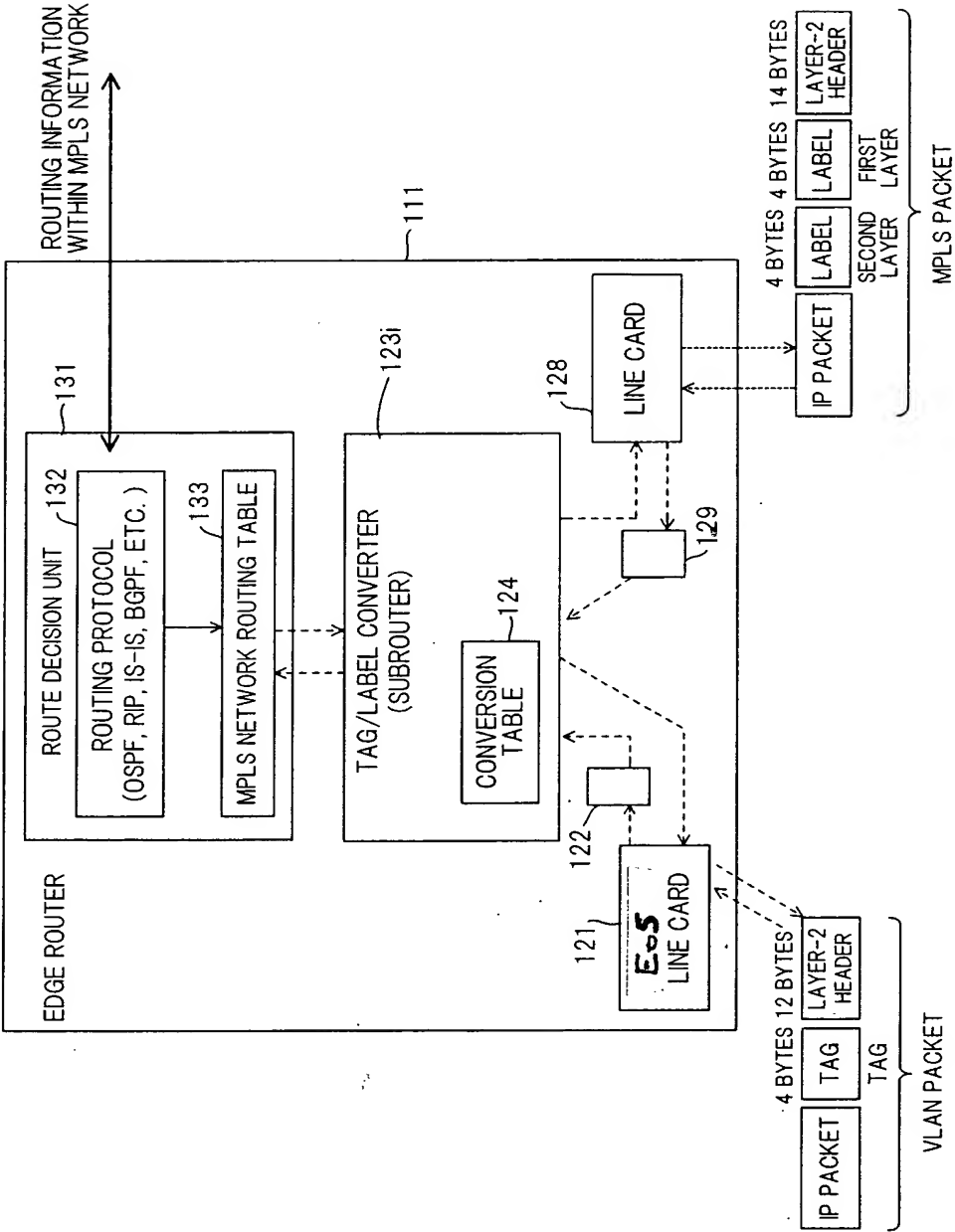


FIG. 3

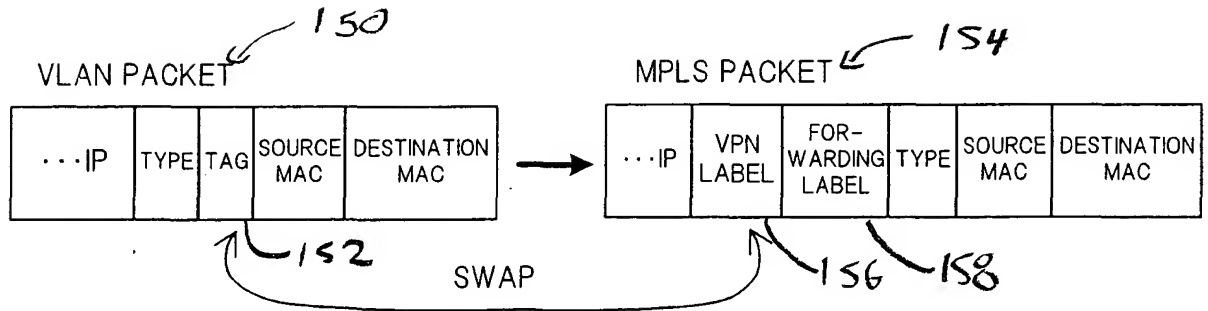


FIG. 4A

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VLAN ID(VID)	VPN LABEL
N	M
N+1	M+1
.	.
.	.
.	.
N'	M'

FIG. 4B

Output I/F	EoS I/F (Port)	EoS sub I/F (Channels)
EoS 0	1	1-6
EoS 1	1	7
EoS 2	2	1
.	.	.
.	.	.
EoS N	.	.

FIG. 5

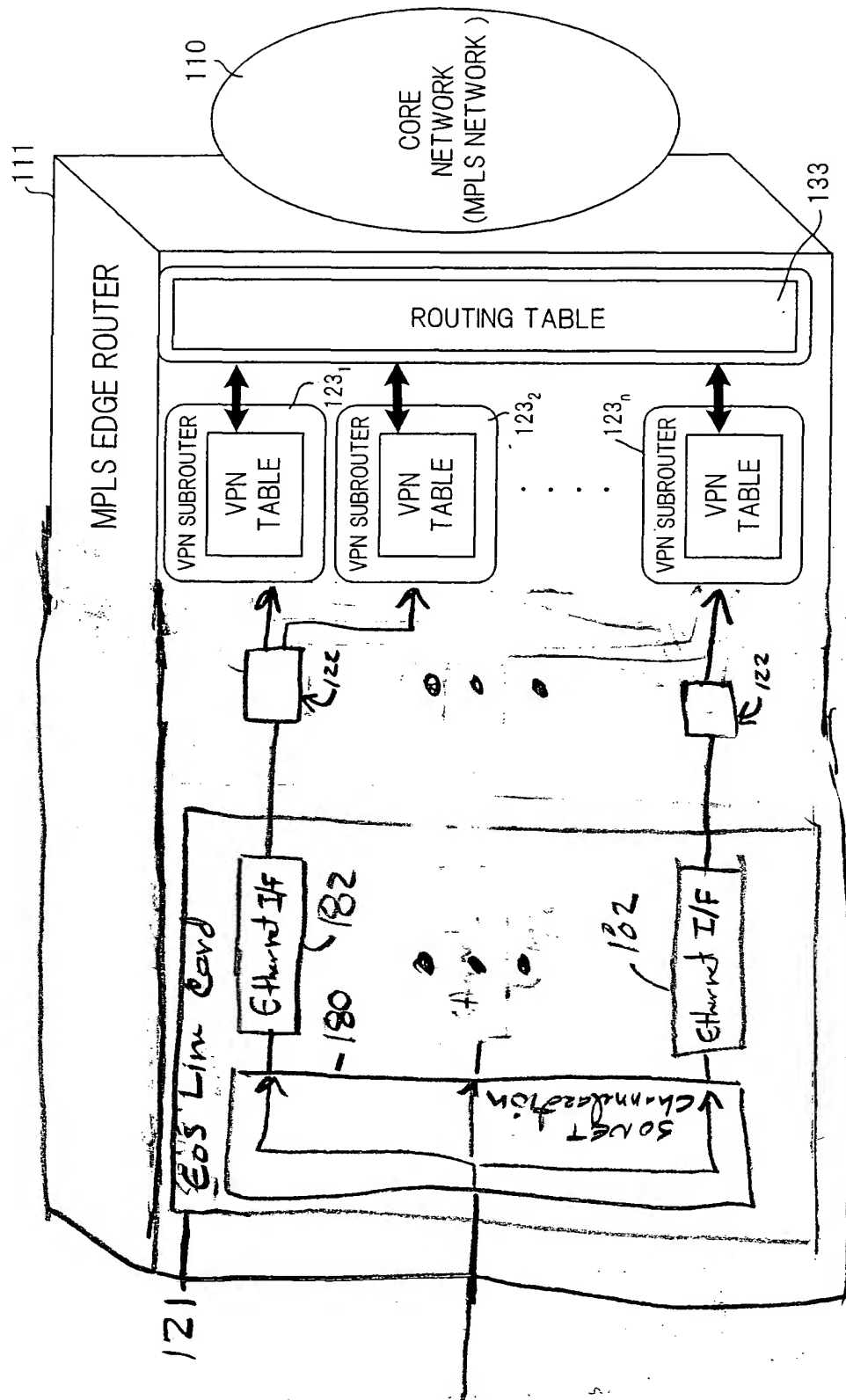


FIG. 6

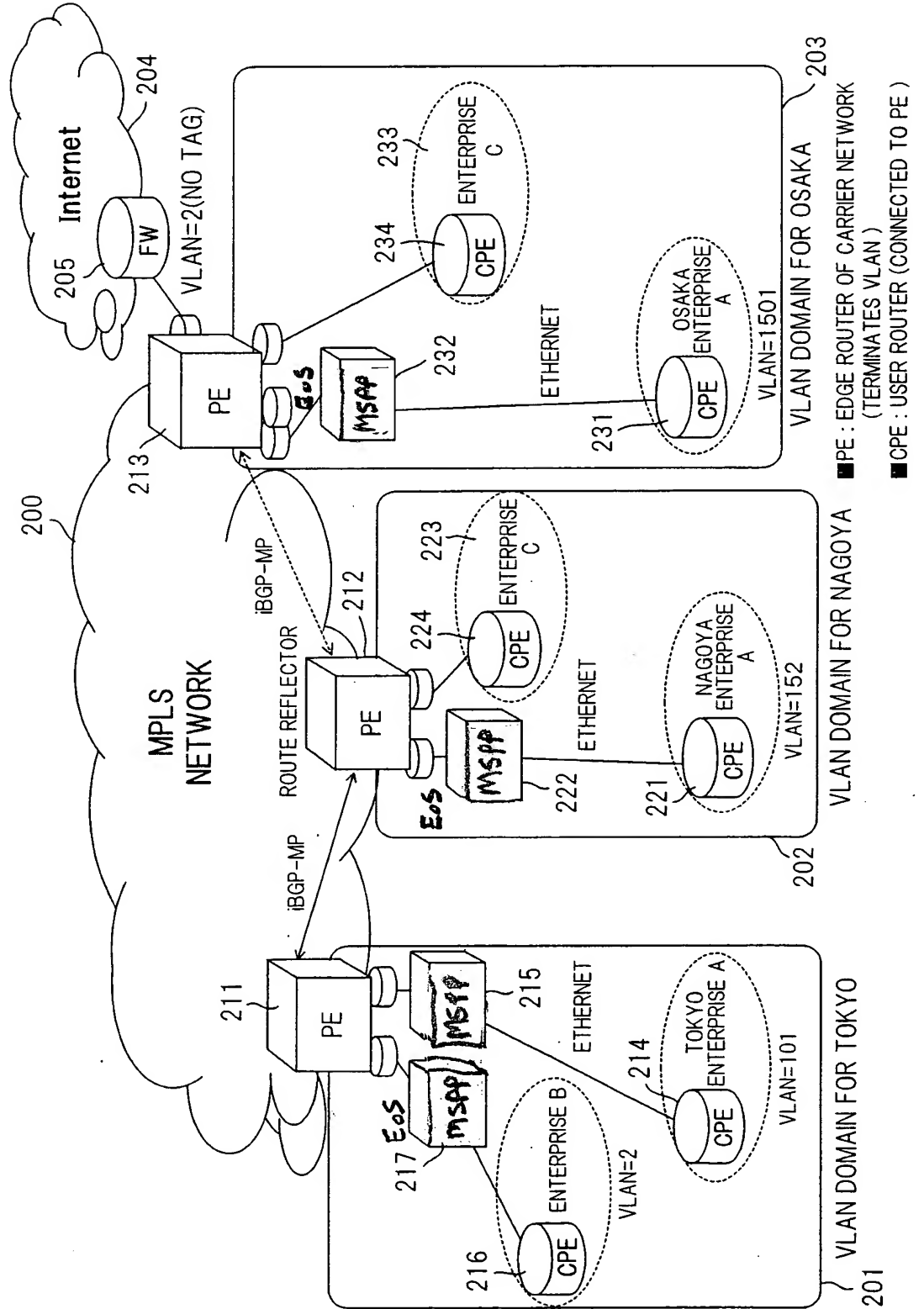


FIG. 7A

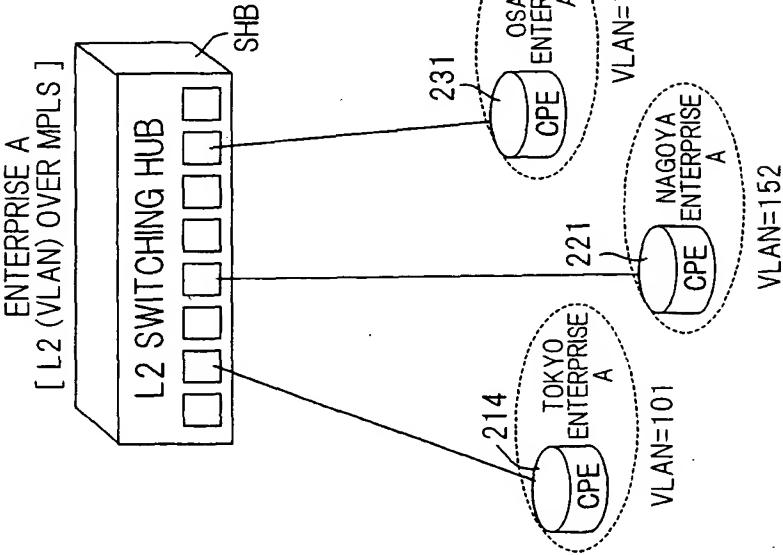


FIG. 7B

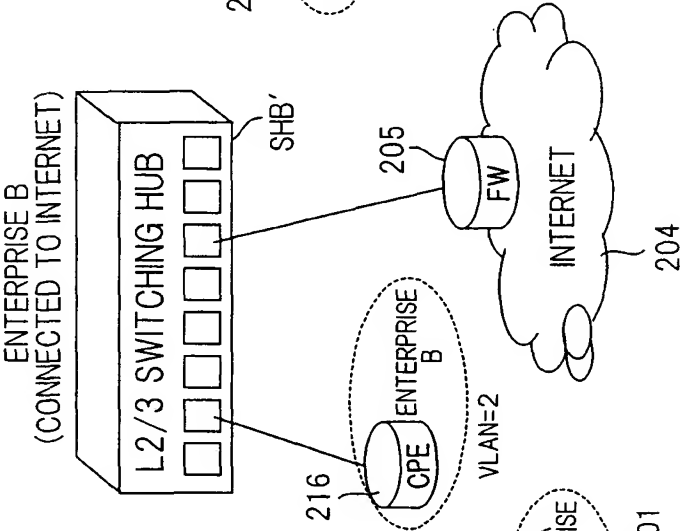


FIG. 7C

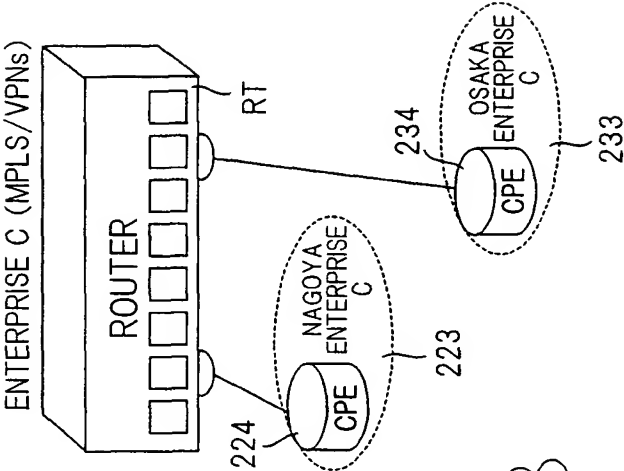


FIG. 8

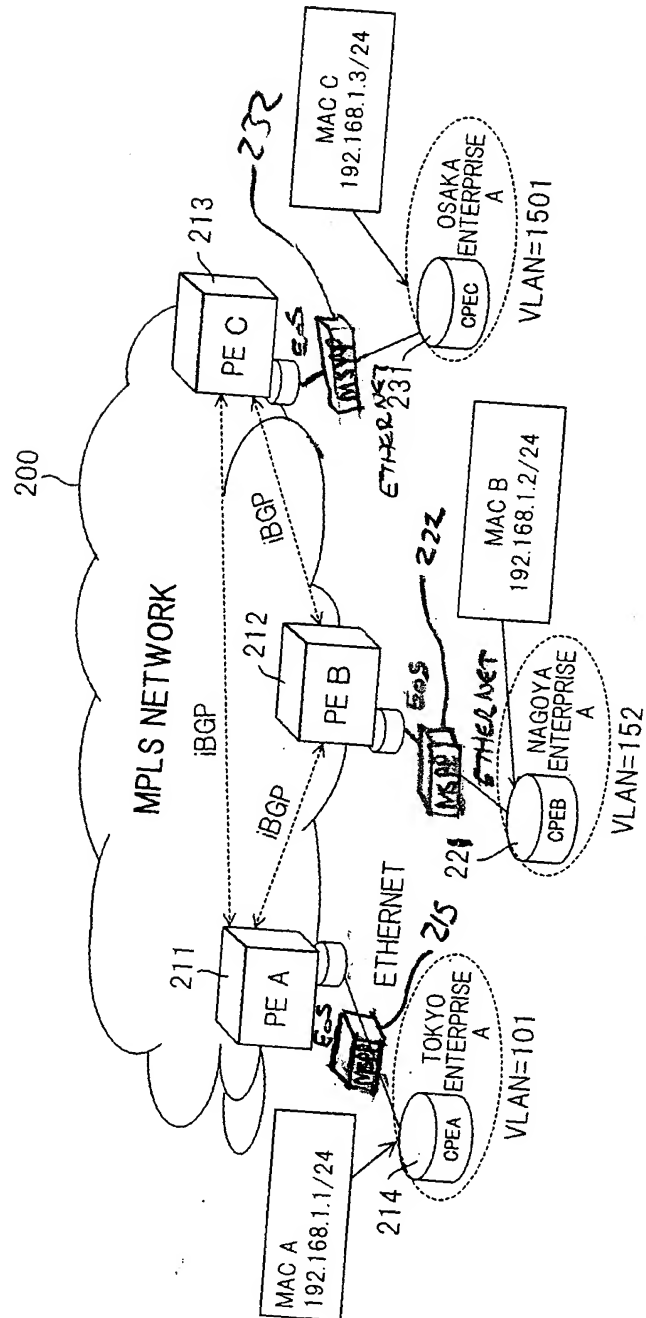
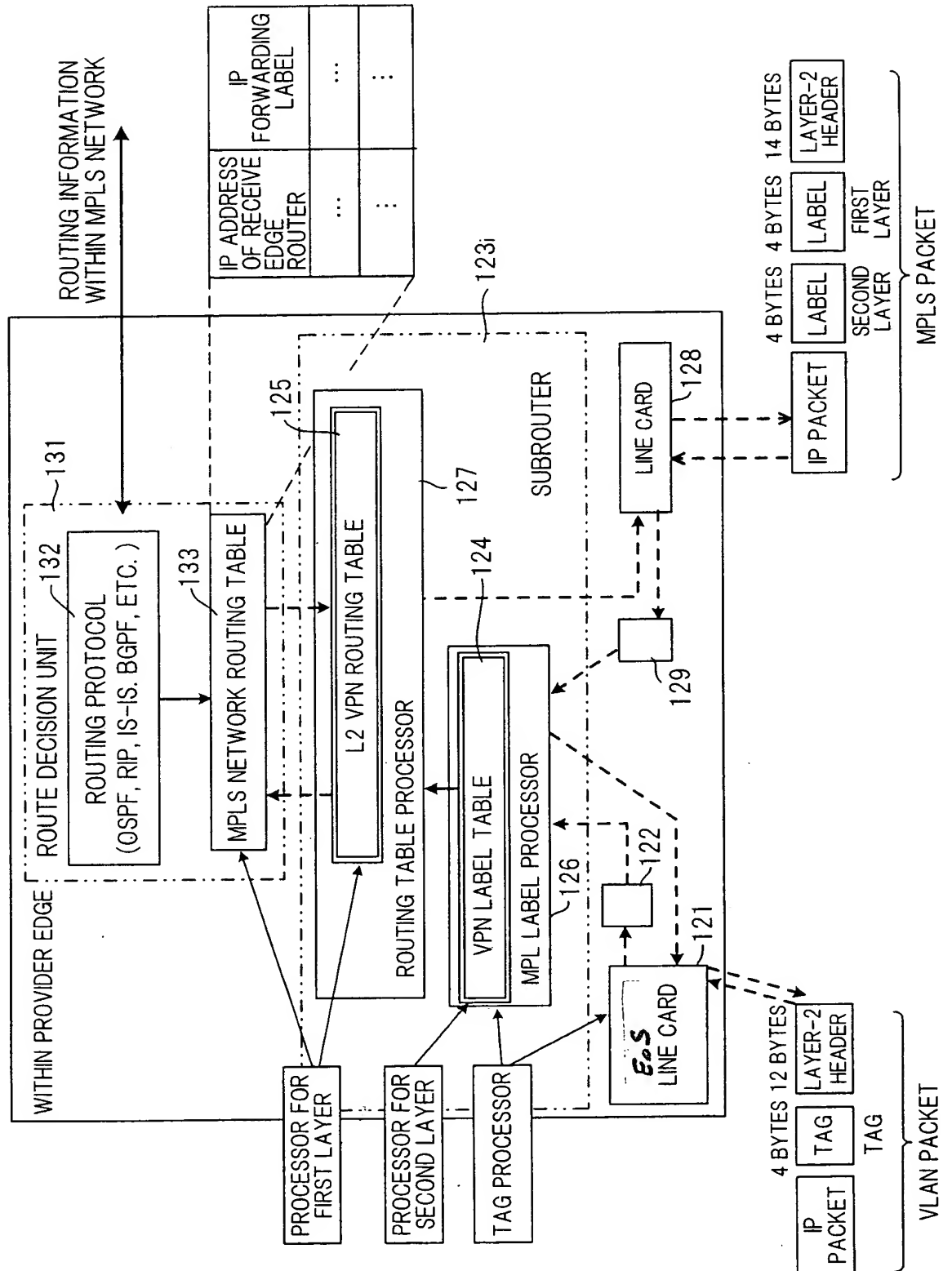
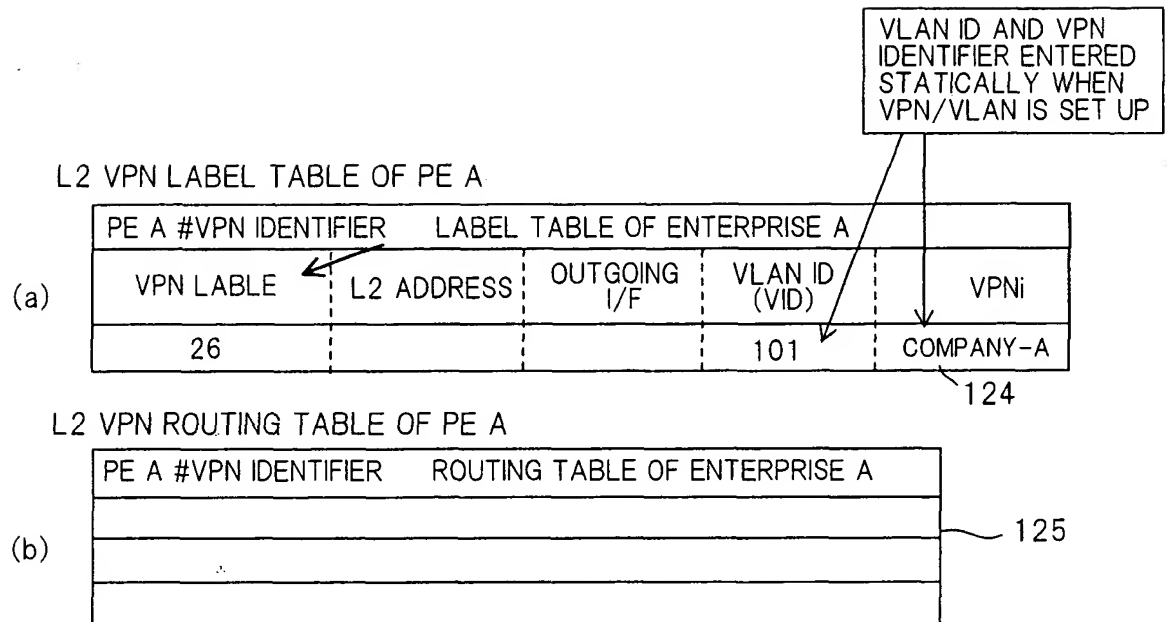




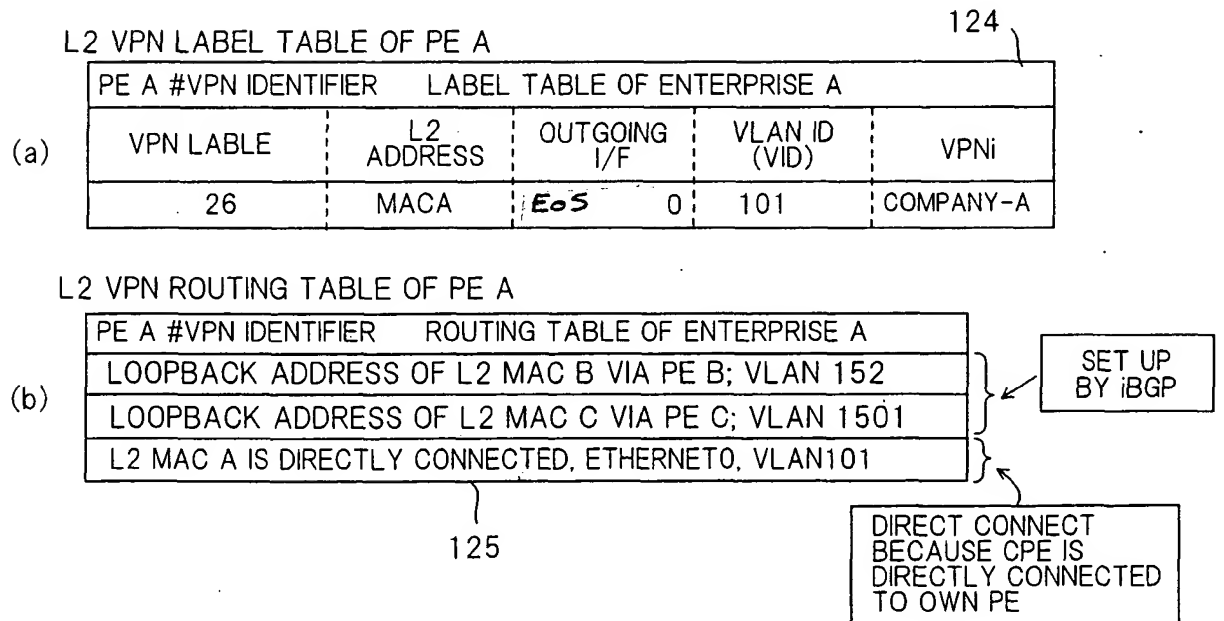
FIG. 9



**FIG. 10A**



**FIG. 10B**



## FIG. 11A

VPN TABLE OF ENTERPRISE A IN PE A

L2 VPN LABEL TABLE OF ENTERPRISE A				
VPN LABEL	OUTGOING I/F	MAC	VID	VPNi
26	<i>EoS</i>	MAC A	101	COMPANY A
L2 VPN ROUTING TABLE OF ENTERPRISE A				
L2	MAC B	LOOPBACK ADDRESS OF PE B; VIAN 152		
L2	MAC C	LOOPBACK ADDRESS OF PE C; VLAN 1501		
L2	MAC A	DIRECTLY CONNECTED, ETHERNET, VLAN101		

## FIG. 11B

VPN TABLE OF ENTERPRISE A IN PE B

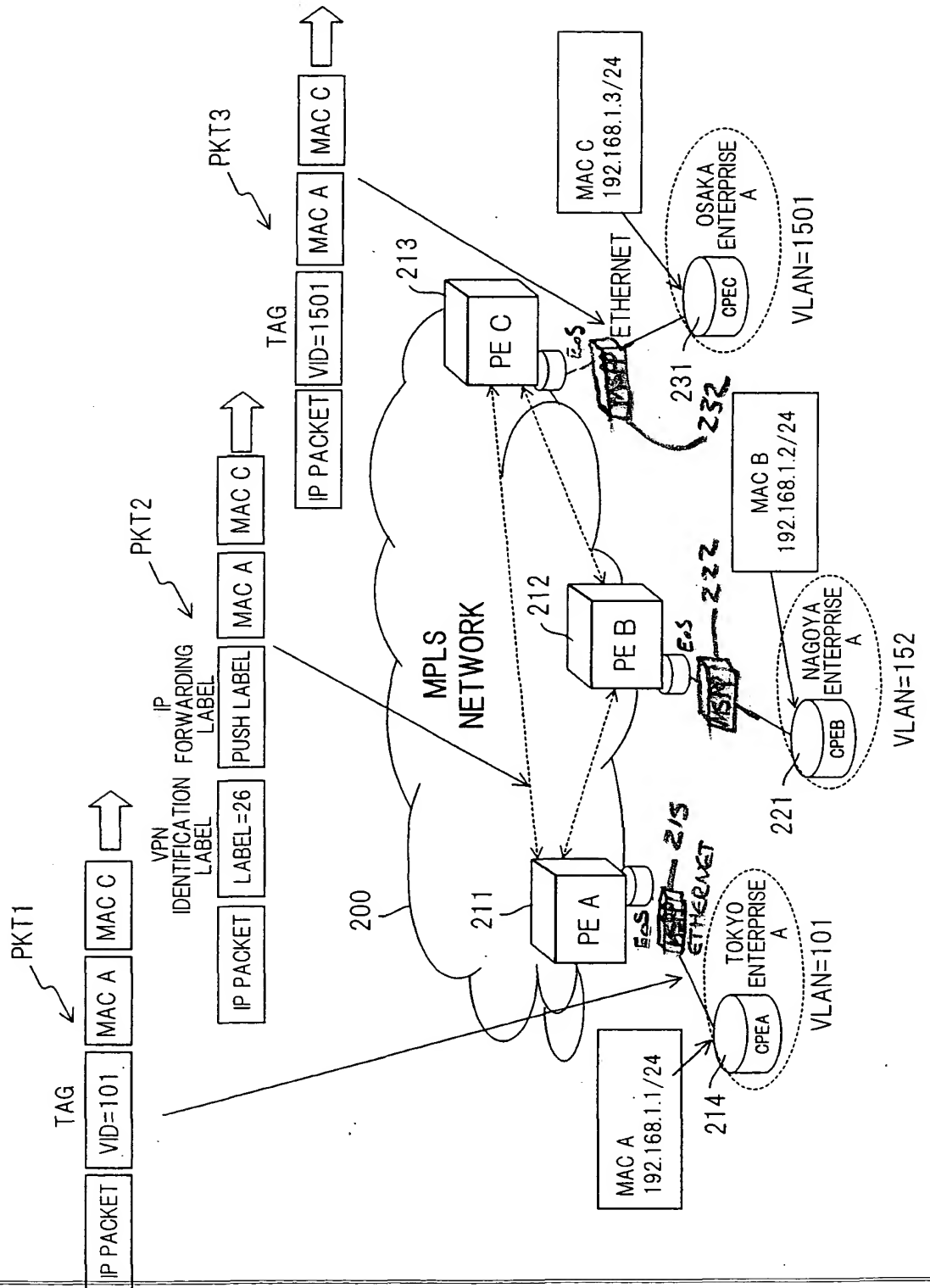
L2 VPN LABEL TABLE OF ENTERPRISE A				
VPN LABEL	OUTGOING I/F	MAC	VID	VPNi
26	<i>EoS</i>	MAC B	152	COMPANY A
L2 VPN TABLE OF ENTERPRISE A				
L2	MAC B	DIRECTLY CONNECTED, ETHERNET, VLAN 152		
L2	MAC C	LOOPBACK ADDRESS OF PE C; VLAN 1501		
L2	MAC A	LOOPBACK ADDRESS OF PE A; VLAN101		

## FIG. 11C

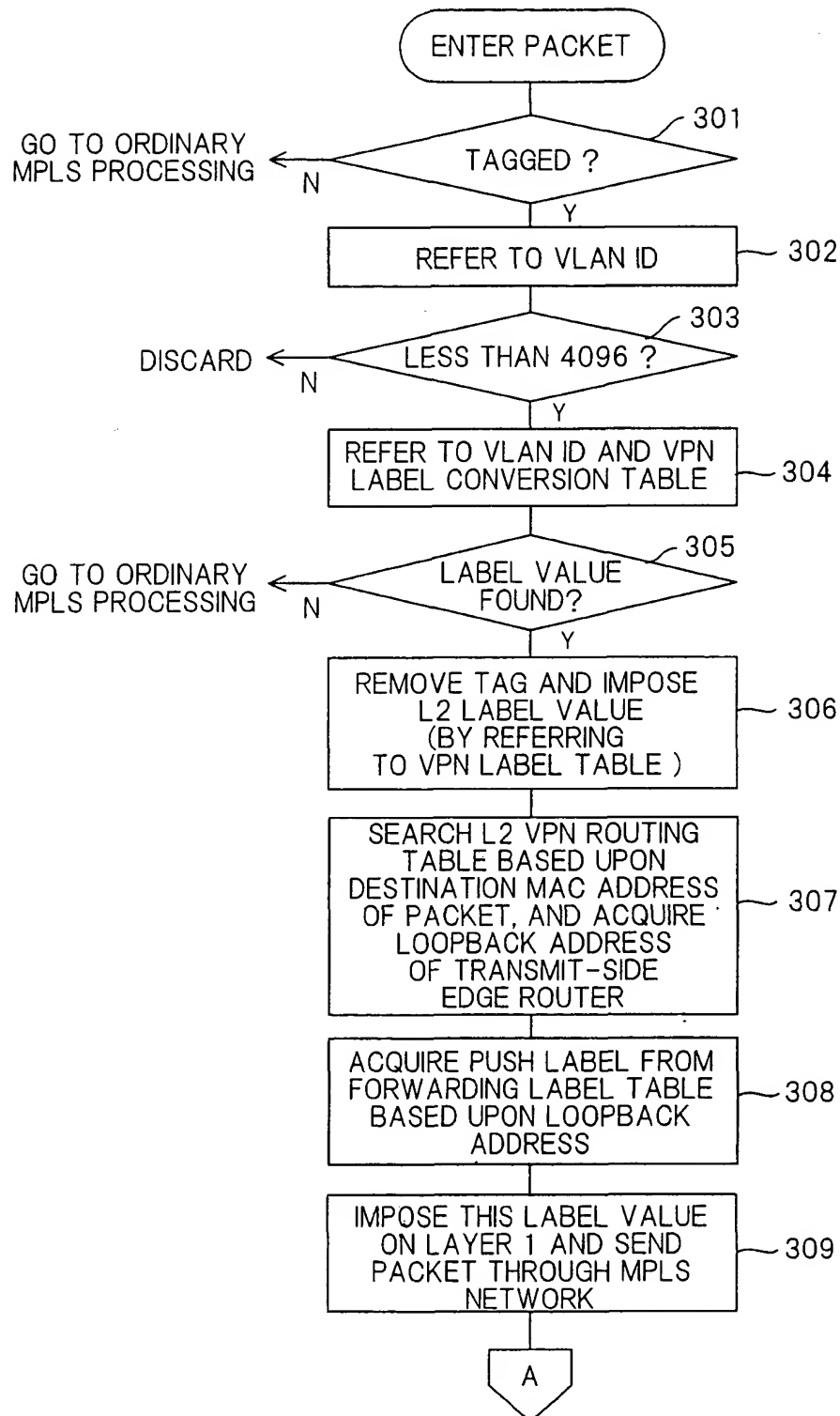
VPN TABLE OF ENTERPRISE A IN PE C

L2 VPN LABEL TABLE OF ENTERPRISE A				
VPN LABEL	OUTGOING I/F	MAC	VID	VPNi
26	<i>EoS</i>	MAC C	1501	COMPANY A
L2 VPN LABEL TABLE OF ENTERPRISE A				
L2	MAC B	LOOPBACK ADDRESS OF PE B; VLAN152		
L2	MAC C	DIRECTLY CONNECTED, ETHERNET, VLAN1501		
L2	MAC A	LOOPBACK ADDRESS OF PE A; VLAN101		

FIG. 12



**FIG. 13**



**FIG. 14**

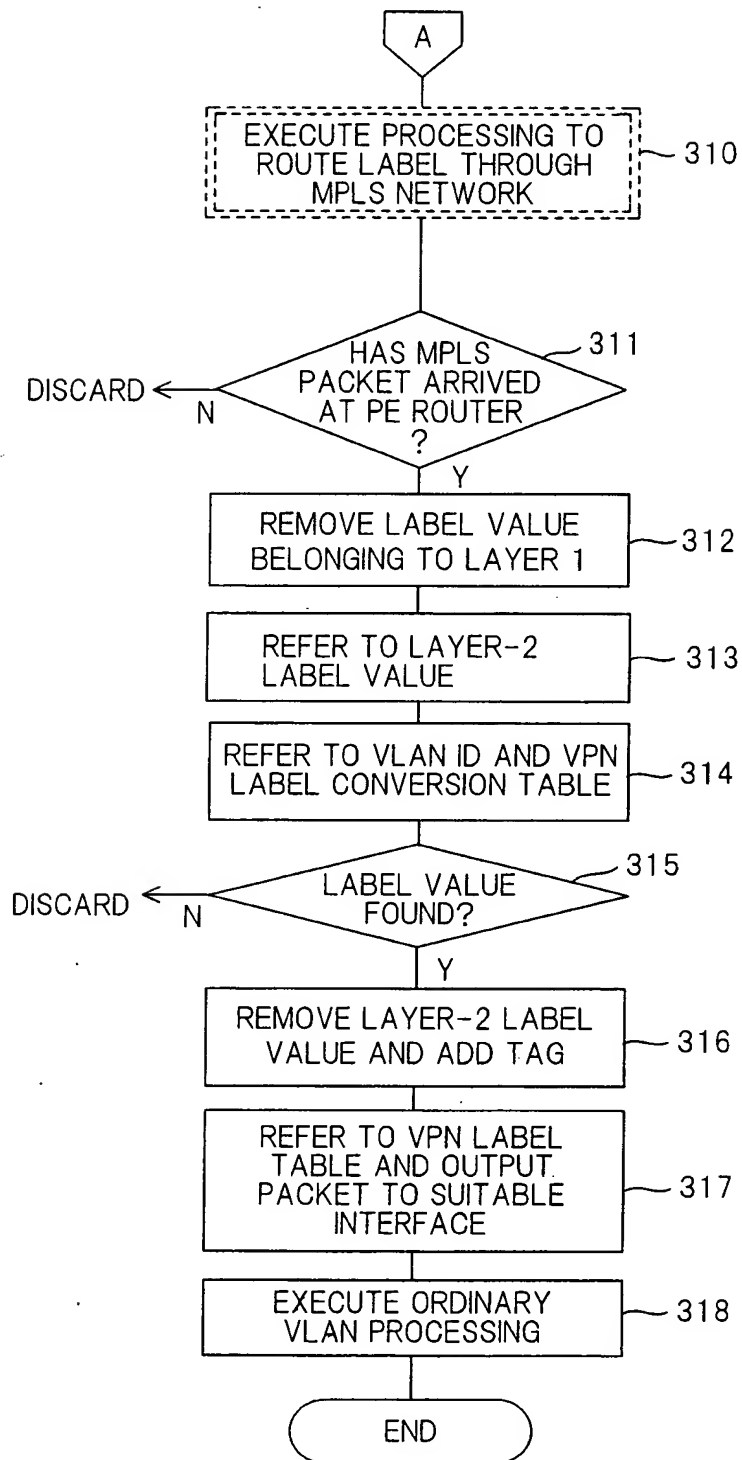


FIG. 15A

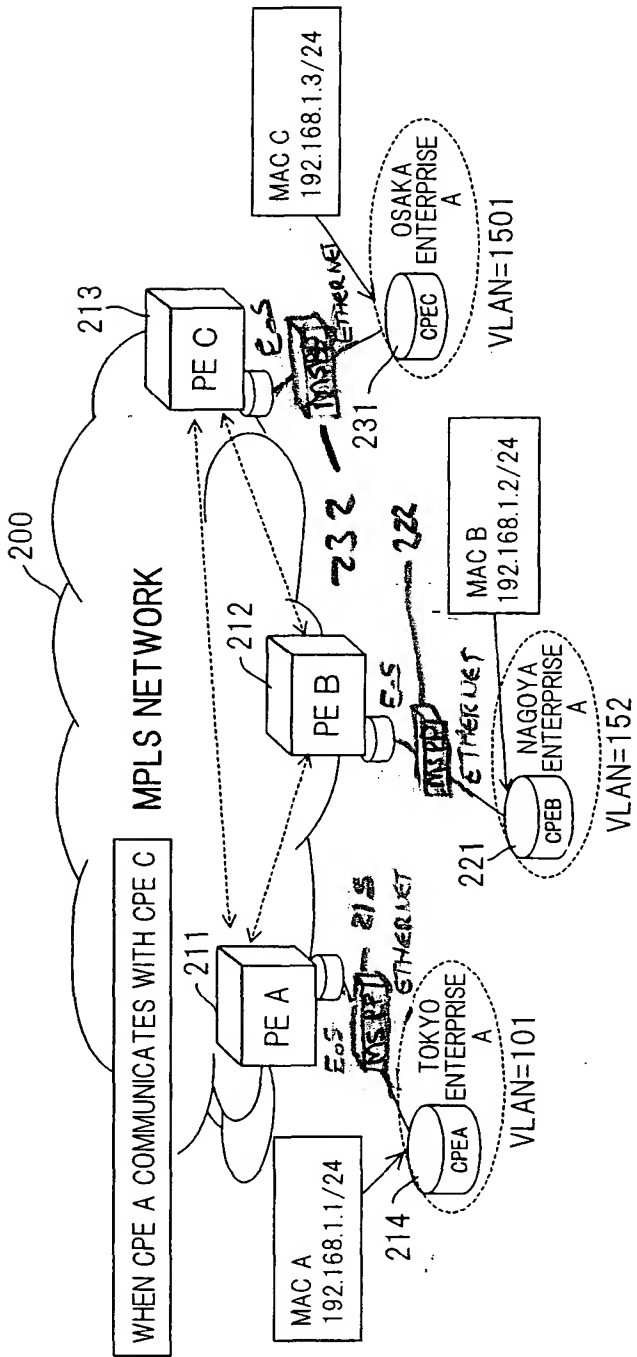


FIG. 15B

1.	BROADCAST ARP PACKET DIRECTED TO CPE C ( 192. 168. 1. 3) FROM CPE A
2.	IN CASE OF BROADCAST DIRECTED TO CPE C ( 192.168.1.3) FROM CPE A, CREATE COPY OF BROADCAST PACKET AT PE A AS NECESSARY AND SEND PACKET TO PE B , PE C
3.	SEND ARP-REPLY PACKET TO CPE A ( 192.168. 1. 1) FROM CPE C AUTOMATICALLY LEARN OR ENTER MAC ADDRESS OF EACH CPE IN L2 VPN LABLE TABLE, L2 VPN TABLE OF EACH PE

**FIG. 16**

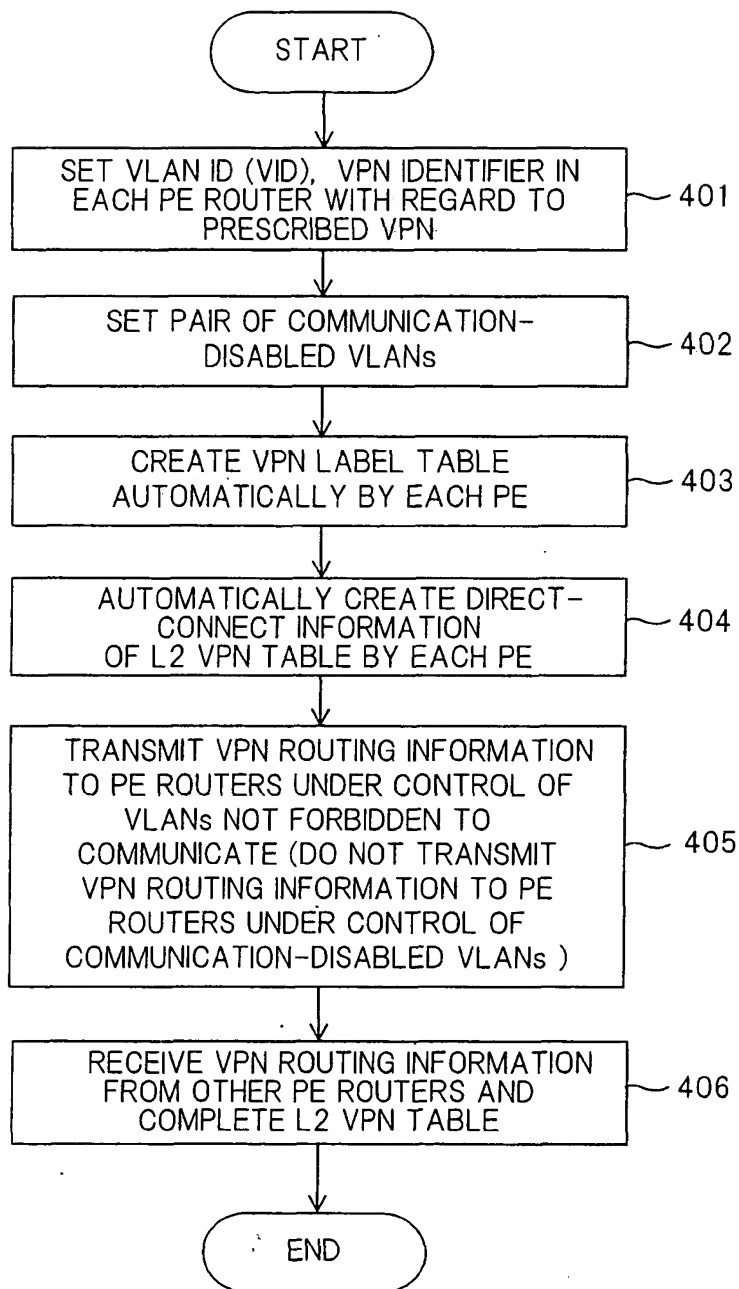




FIG. 17A

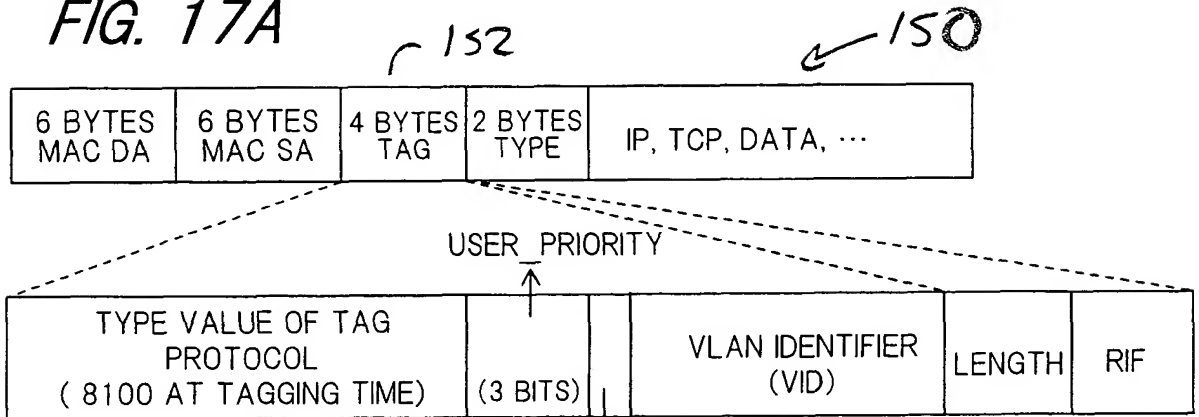
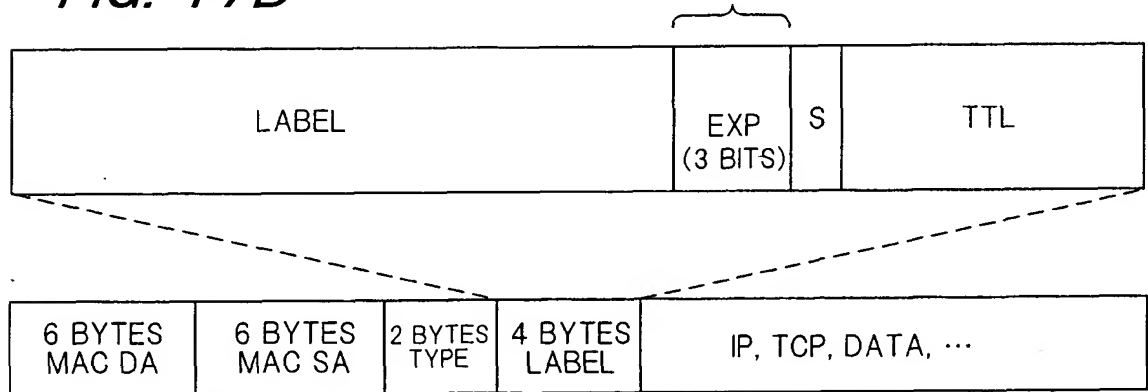


FIG. 17B



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